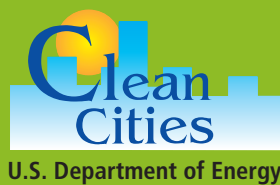


May 15, 2001
9 a.m. – Noon
No Registration Fee

GM



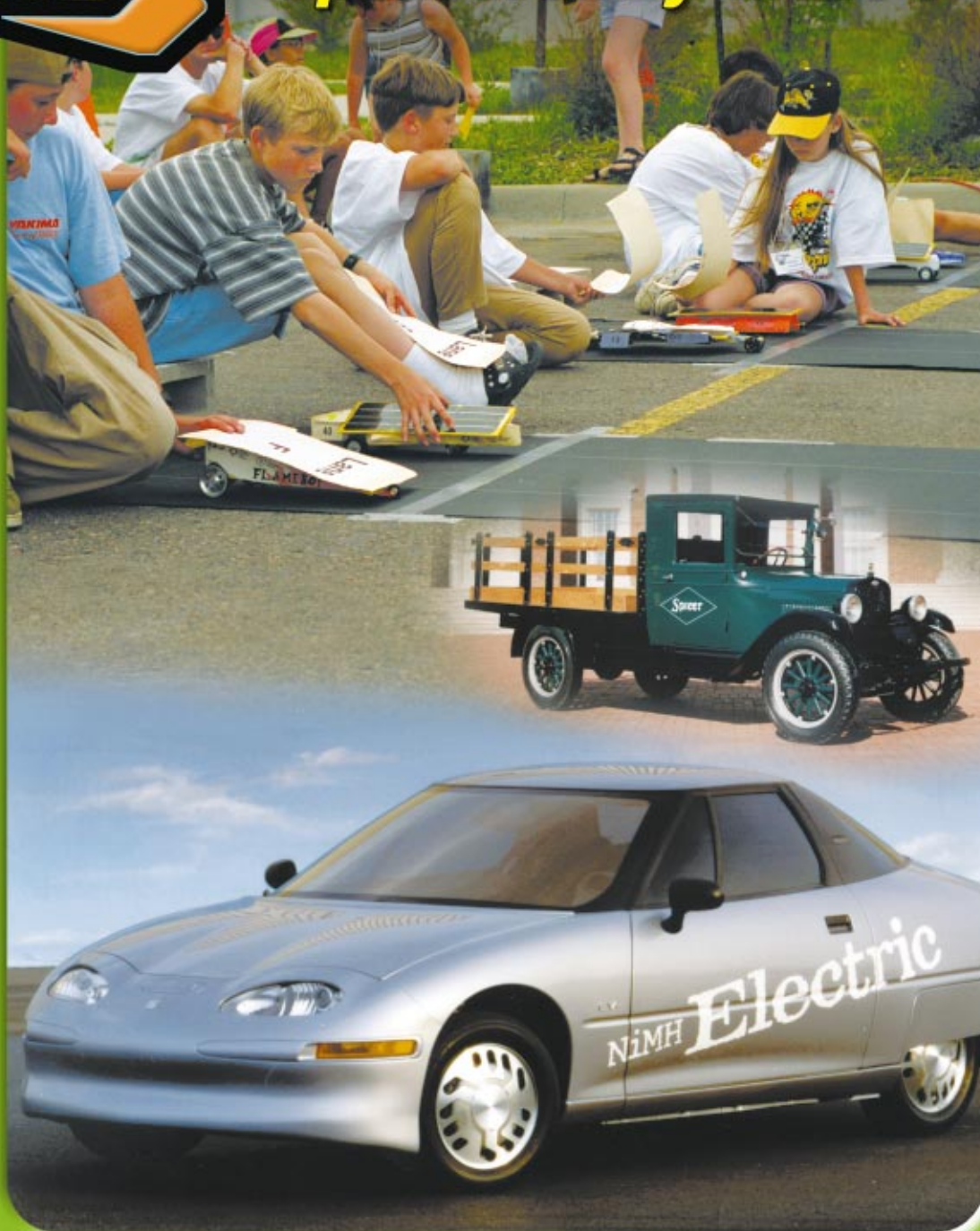
PHILADELPHIA



7th National
Clean Cities
Conference
ScienceFest
May 15, 2001

ScienceFest

Sponsored By  EPA



Hosted by U.S. Department of Energy, Office of Energy Efficiency and
Renewable Energy, and Greater Philadelphia Clean Cities Program,
with support from the National 4-H Council

Questions?

1-800-CCITIES
or visit the conference Web site at
www.ccities.doe.gov/conference.shtml
for additional options

Conference and Expo Location:

Pennsylvania Convention Center
One Convention Center Place
1101 Arch Street
Philadelphia, PA 19107



What is ScienceFest?

ScienceFest is a celebration of alternative transportation innovations. Understanding that children are critical players in our quest for clean air and a cleaner environment, the National Clean Cities Conference is a perfect backdrop for children to learn about transportation choices they can make. Through vibrant presentations, an exciting transportation Expo, and hands-on demonstrations, students are invited to take part in this unparalleled learning opportunity.

The U.S. Department of Energy's (DOE) Clean Cities Program is a voluntary, locally based government/industry partnership to expand the use of alternatives to gasoline and diesel fuel and accelerate the deployment of alternative fuel vehicles (AFVs). 1,000 people from around the country are expected to attend this year's conference.

Conference Notes of Note

Come and Watch the Junior Solar Sprint *(or better yet, participate!)*

On Saturday, May 12th (raindates are Sat. May 19th and Sun. May 20th), the Philadelphia Solar Energy Association will host the 8th annual Junior Solar Sprint competition. For more information and/or to receive a registration packet, contact Lisa Rose Bryant at 610-667-0412. Registration deadline is April 1, 2001.

The Great Radio Debate

"Who's Driving the Future of Alternative Fuels?" is the big question that will be explored live, on WHYY, 91FM on Monday, May 14th from 10:00 a.m.-11:30 a.m. Marty Moss-Coane, popular local host of *Radio Times*, will facilitate the discussion between diverse interests in the industry.

Public Invited to Expo

The public is invited to come and see the new innovations in alternative fuels and vehicles on Monday, May 14th from 4:30 p.m.-6:30 p.m. at the Pennsylvania Convention Center. In addition to a wide array of exhibitors and vehicles, a variety of experts will be on hand to share findings on topics related to cleaner transportation options. There is an admission fee of \$7.

ScienceFest Highlights

Bill Nye Comes To Philadelphia!

Children around the country know Bill Nye as a person who knows how to make science fun! Courtesy of General Motors, Bill is a featured part of our ScienceFest. Bill Nye, television personality, science celebrity, and author of many books, will speak to ScienceFest attendees on Tuesday morning. Reservations are required and may be made by filling out the form included in this mailing.

Pollution Busters in Action: Exploring the Expo Hall

Whether your class is between workshops or just eager to see the broad range of clean vehicles that are on the road today, make sure they explore the Expo Hall where they will find the largest assembly of alternative fuel vehicles in the country.

Students team up and work together to follow clues that lead them throughout the Expo Hall. Along the way, they learn more about clean vehicles by interviewing auto representatives, reading display materials, and checking out clean technologies. In the end, their answers to the clues will solve a riddle about transportation choices and pollution.

EPA Interactive Computer Quizzes

Ozone Outpost, is a CD game that educates children on the difference between good and bad ozone. The game was designed by Imagine That and has a distinctive Philadelphia flavor!

Workshops That Require a Reservation - Tuesday, May 15, 2001

9:15 a.m.-10 a.m.

1. Land Use Workshop

Help students understand the connection between land use, transportation, environment, and lifestyle. This unit helps students grapple with the issues of creating lifestyles that are sustainable.

2. Cruise Though History Workshop

Students will investigate how transportation has changed our lifestyles and our environment. By looking back through history we can understand how the choices we make today will affect our lives and our planet tomorrow.

3. Natural Resources and Energy Use Workshop

Students will explore the relationship between transportation and natural resource consumption. Students will learn about global and national energy supplies, explore how we use natural resources in our day-to-day lives, and identify what individual and societal action people can take to manage energy consumption.

4. Junior Solar Sprint Demo

The U.S. Department of Energy's National Junior Solar Sprint (JSS) Program is a classroom-based, hands-on educational program for 6th, 7th, and 8th grade students. JSS student teams apply math, science, and creativity to construct model solar-powered cars and race them in interscholastic competitions hosted within their schools or within their states or regions. The Philadelphia chapter has scheduled their JSS competition for Saturday, May 12th, 2001. At least one of the cars will be on display and students will talk about their experiences building these cars.

5. Electricity-Traveling Science Show

Electric Vehicles are the focal point as we feature the Franklin Institute Science Museum's Traveling Science Show on "Electricity." In the show, inventions of such electrical pioneers as Alessandro Volta, Hans Oersted, Michael Faraday, and Thomas Edison will be featured. The presentation will show how electricity is a clean source of energy when used to power vehicles. This is one show we think you'll get a real charge out of.

9:30 a.m.-10:15 a.m.

6. Bill Nye, GM's Environmental Science Club Advisor

Students will be on the move as Bill Nye discusses human transportation. Energy is what makes things go and it can be used to transport humans. Electricity can also be used to make things go. Bill will captivate his audience as he explains how electrons work and how energy changes form to create cleaner transportation options.

10:10 a.m.-10:55 a.m.

7. Land Use Workshop *See #1*

8. Cruise Though History Workshop *See #2*

9. Natural Resources and Energy Use Workshop *See #3*

10:45 a.m.-11:30 a.m.

10. Bill Nye, GM's Environmental Science Club Advisor *See #6*

11:05 a.m.-11:50 a.m.

11. Land Use Workshop *See #1*

12. Cruise Though History Workshop *See #2*

13. Natural Resources and Energy Use Workshop *See #3*

14. Electricity-Traveling Science Show *See #5*

REGISTRATION PROCESS

Thanks to the sponsorship of the Environmental Protection Agency, there is no charge for any of these activities. However, in order to be admitted to the Conference, we do need to have a registration form on file for your class. We do have a limited number of spaces available for the workshops. Those spaces will be filled on a first-come, first-served basis. In order to accommodate as many students as possible, we invite each class to sign up for just two of the reserved sessions we are offering. There are three ways to register your class:

- 1) Fill this form out and fax it to 215-656-6981
- 2) Mail this form to: Patricia Passarella, Department of Energy, Philadelphia Regional Office, 1880 JFK Boulevard, Suite 501, Philadelphia, PA 19103
- 3) Download the form from our website (<http://www.ccities.doe.gov/conference.shtml>) and email it to Patricia Passarella at Patricia.Passarella@pro.doe.gov

Teacher Name _____

Teacher Phone Number _____ Fax Number _____ Email Address _____

School Name _____

School Address _____

Grade _____ Number of Students With Your Group _____

Please indicate the number of the workshop for which you would like to sign up

Choice 1 _____ (List Workshop Number) Choice 2 _____ (List Workshop Number) Alternate Choice _____ (List Workshop Number)

You will receive a confirmation letter notifying you of which workshops your class is confirmed for and the procedures for when you arrive. Please note that you must pre-register your class in order to be admitted.

Here's another exciting opportunity in November

A conference for educators on energy, transportation, and the environment

The Northeast Sustainable Energy Association (NESEA), with major support from the Pennsylvania Department of Environmental Protection, will hold a two-day regional conference for K-12 educators, and a select number of high school through college students. The conference will be held in Philadelphia, in November 2001. The purpose is to introduce and inspire teachers to use interdisciplinary, hands-on curricular resources that enable them to meet educational standards while using energy, transportation, and the environment, as a theme for elementary through high school students. The resources presented at the conference are designed to give students the tools they need to make informed decisions about their energy and transportation choices. For more information go to the NESEA web site at www.nesea.org.



National Clean Cities Conference
Department of Energy
Philadelphia Regional Office
1880 JFK Boulevard, Suite 501
Philadelphia, PA 19103